The View From Out Back

OEHE Data Systems

3/28-3/29 ISAC Meeting / Oklahoma City Area Office

This Morning…

- Why are we here?
- Overview of OEHE data systems and infrastructure
- Division of Environmental Health
- Division of Facility Operations
- Division of Sanitation Facilities Construction
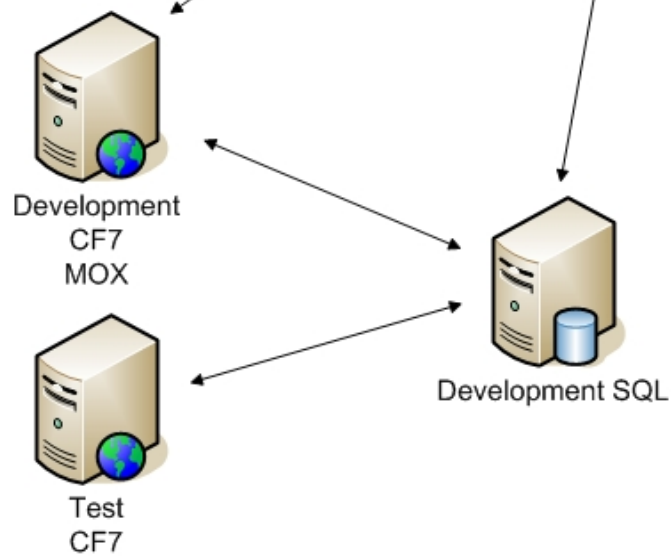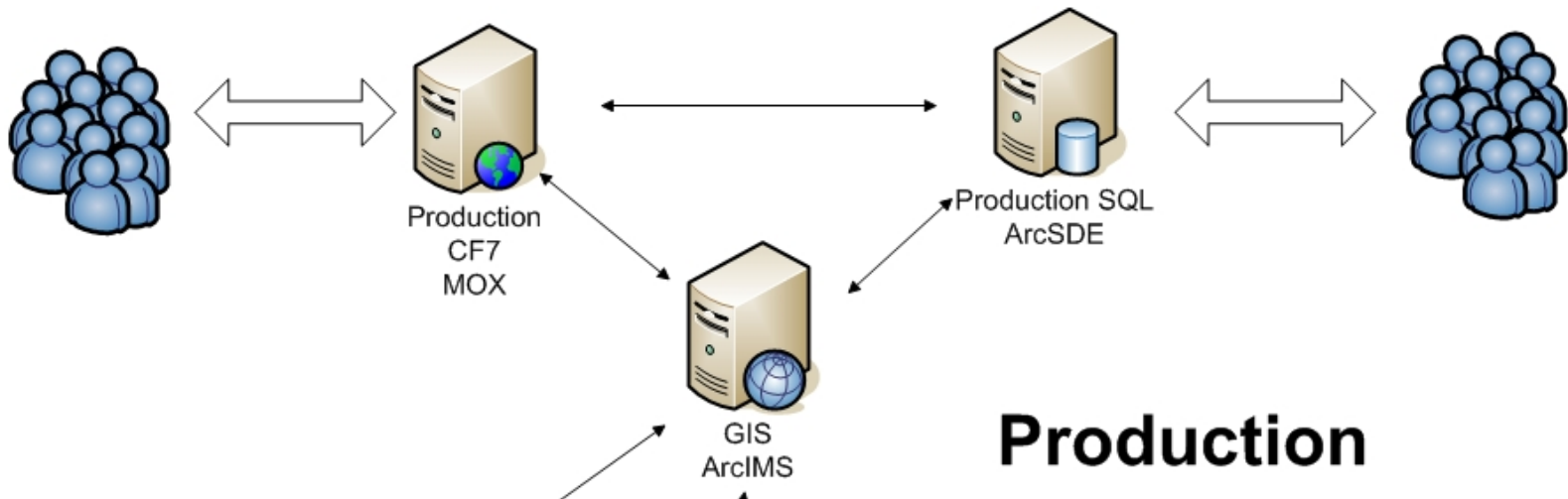- Questions
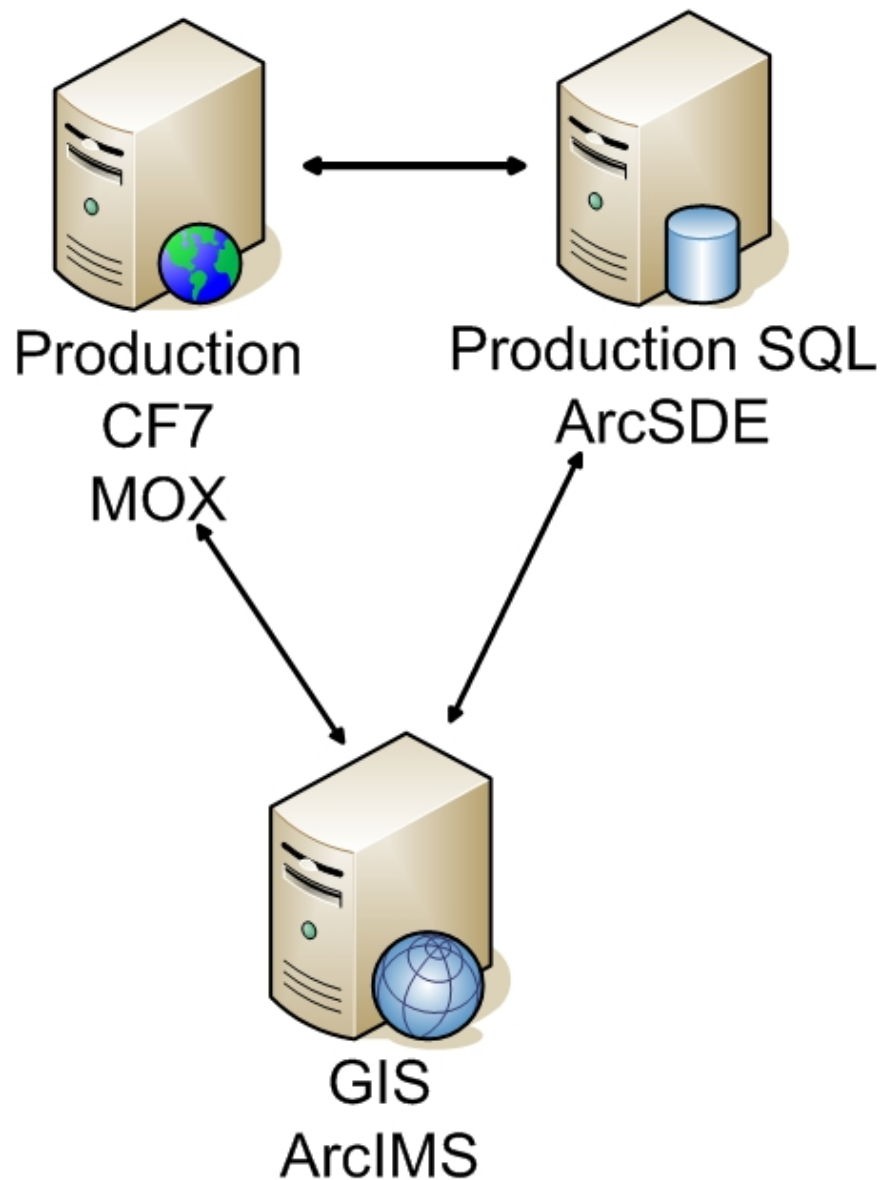
Why are we here?

Exposure

Infrastructure

- Servers located, maintained and cared for (EXTREMELY WELL) by HQ IT staff
- First servers installed in 2001
- We share SQL servers with HQ
- 3 Dedicated ColdFusion 7.x Servers
- 1 Dedicated ArcIMS server for GIS

Currently

- Common Codes
- Collaboration between divisions
- The Audit
- ArcSDE, ArcIMS, EIEIO

Production

Development
and Testing

Production
CF7
MOX

Production SQL
ArcSDE

GIS
ArcIMS

Development
CF7
MOX

Test
CF7

Development SQL

Production Environment

Production
CF7
MOX

Production SQL
ArcSDE

GIS
ArcIMS

Production Environment

Production
CF7
MOX

Production SQL
ArcSDE

GIS
ArcIMS

Production Environment

Production
CF7
MOX

Production SQL
ArcSDE

GIS
ArcIMS
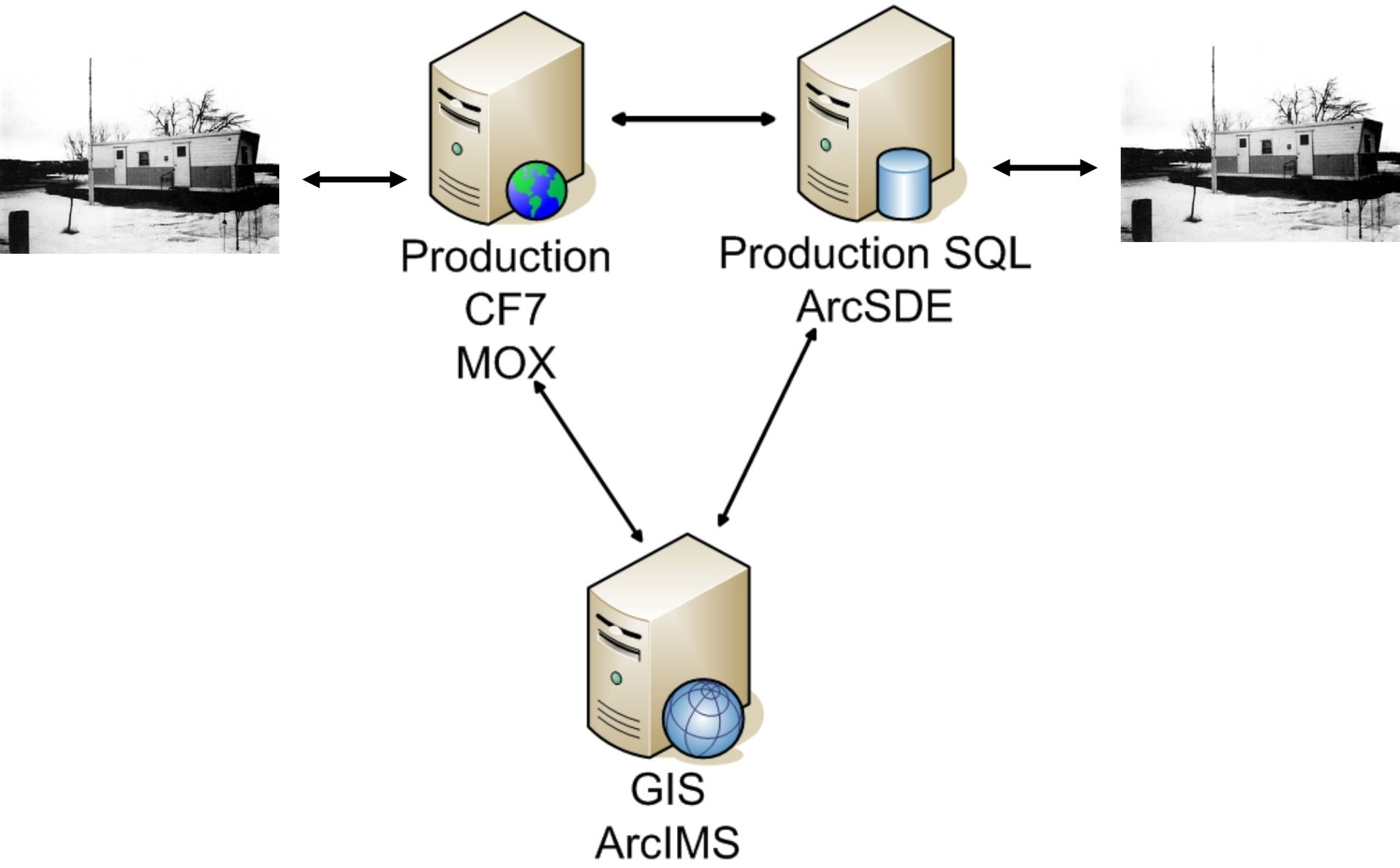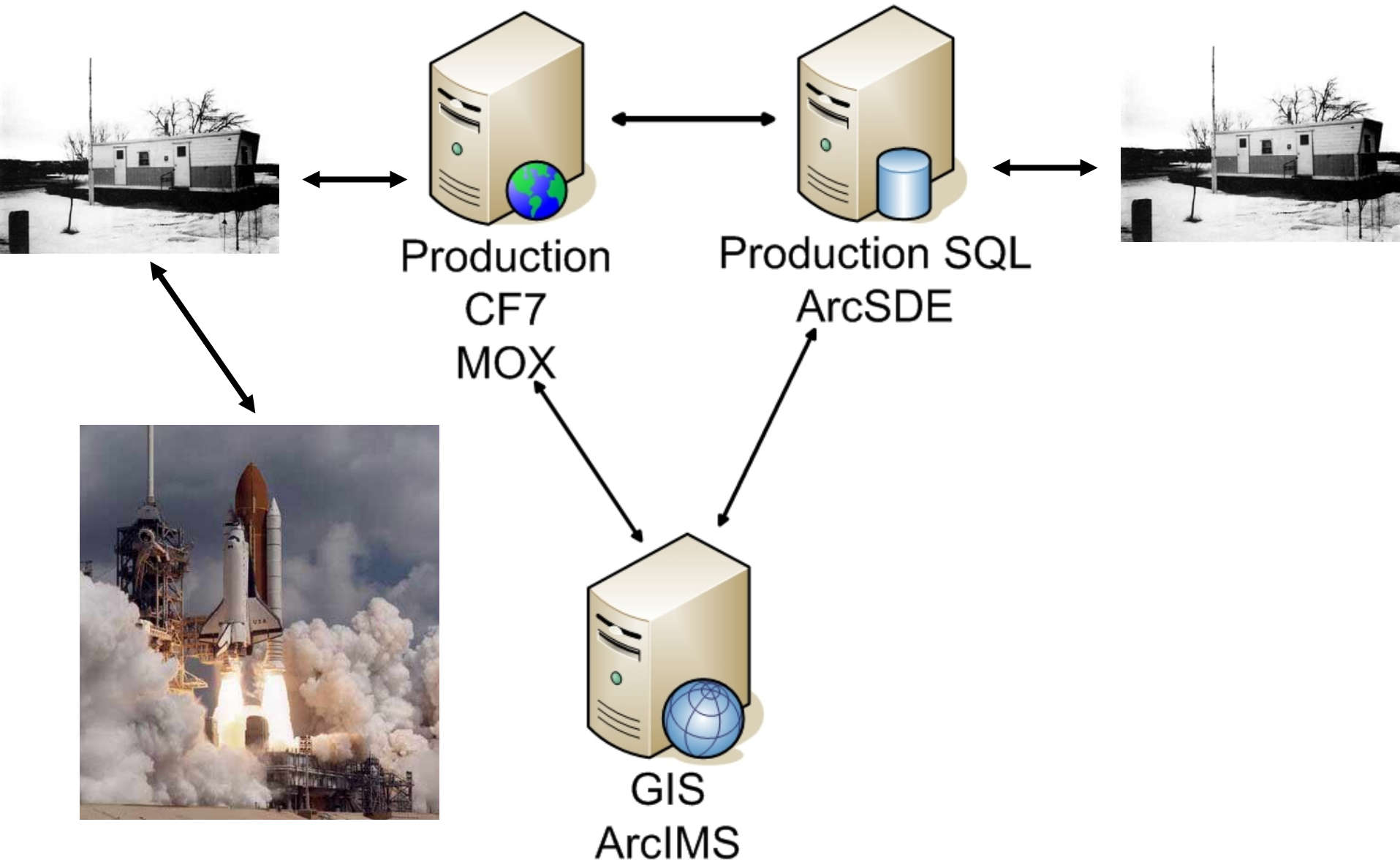
Production Environment
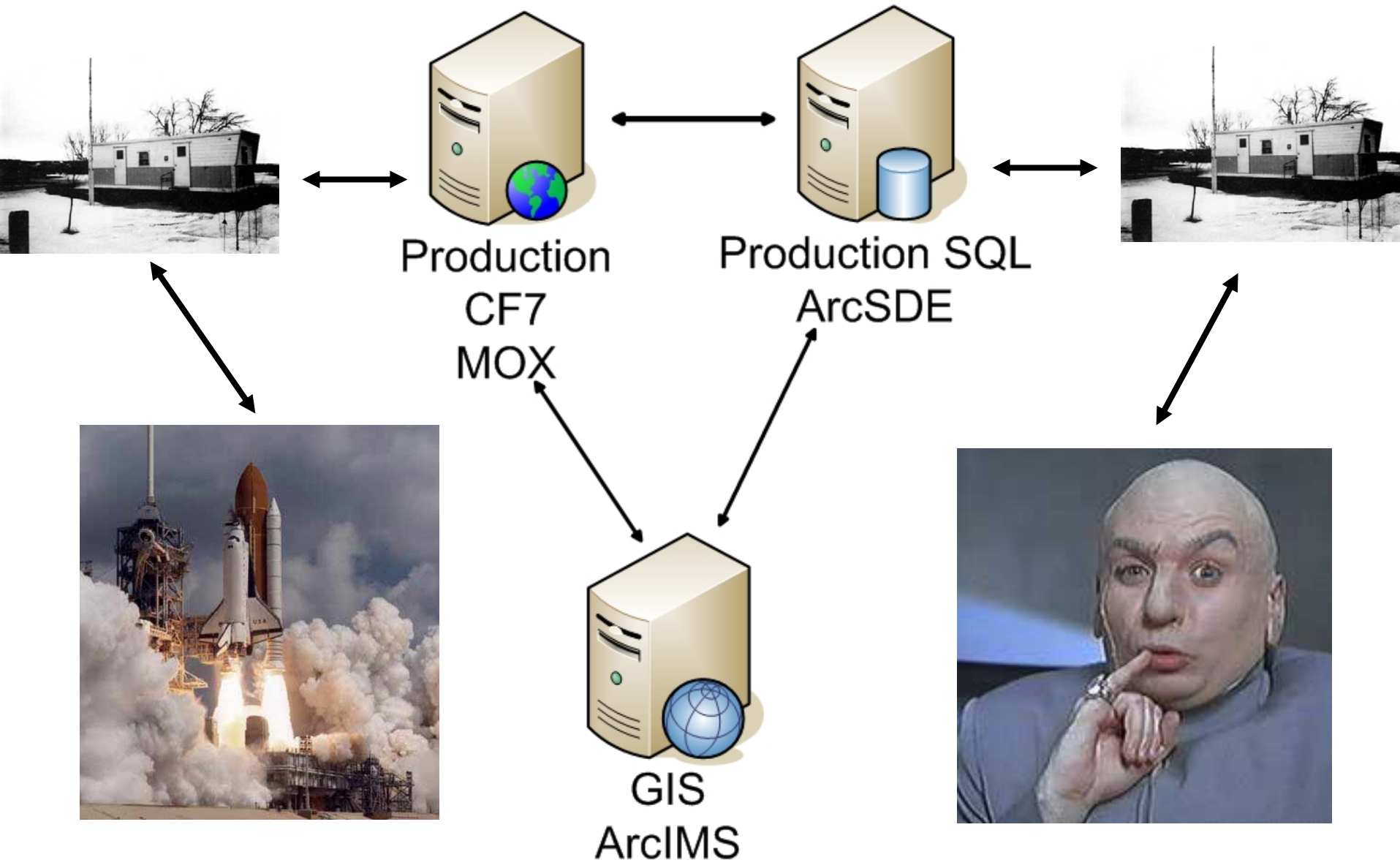
Why are we still here?

Collaboration

Division of Environmental Health Services

- WebEHRS – Web based Environmental Health Reporting System

- WebCident – Web based Incident Tracking System

(Rhymes with Pepsodent)

WebEHRS Users

- Environmental Health Officers and Environmental Health Technicians
- Both Federal and Tribal Employees
- Account required for access
- Remote
- Remote
- Semi-remote

"Everything that can be counted does not necessarily count; everything that counts cannot necessarily be counted."

- Albert Einstein

Origins of WebEHRS

- RRM
  - # of Facilities
  - Each type has a value in person days
- In the past we accounted for every minute of every day
  - And we passed that information in paper format to prisoners for coding
  - And that is about as far as it got

File   Edit   View   Favorites

Address https://webehrs.ih   Go

Welcome to WebEHRS

Please Login

Username: [   ]

Password: [   ]

*****WARNING***WARNING***WARNING*****

This is an IHS computer system. IHS computer systems are provided for the processing of Official U.S. Government information only. All data contained on IHS computer systems is owned by the IHS and may be monitored, intercepted, recorded, read, copied, or captured in any manner and disclosed in any manner, by authorized personnel. **Unauthorized use of this information system is prohibited and is subject to criminal and civil penalties.** THERE IS NO RIGHT OF PRIVACY IN THIS SYSTEM. System personnel may give to law enforcement officials any potential evidence of crime found on IHS computer systems. USE OF THIS SYSTEM BY ANY USER, AUTHORIZED OR UNAUTHORIZED, CONSTITUTES CONSENT TO THIS MONITORING, INTERCEPTION, RECORDING, READING, COPYING, OR CAPTURING, AND DISCLOSURE.

*****WARNING***WARNING***WARNING*****

[Login]

Done   Local intranet

Back | File | Edit | View | Favorites | Address https://webehrs.ih: | Go

WebEHRS
Web based Environmental Health Reporting System

WebEHRS Home | Reports | Logout
FDS/Facilities | WebEHRS Help | Tools/Tables

Facility Data

You have 10 e-Surveys that have not been Finalized:

Click HERE to see the list

Reports

Planning Calendar

Tools and Tables

Verify Data

You need to provide verification for:
10 Deletion(s)
40 Addition(s)

Food Survey Reports Team

EXIT **Logout**

Head Start Reports Team

User Information

Darren Buchanan is logged in

Show Due/Overdue List

Done | Local intranet

WebEHRS
Web based Environmental Health Reporting System

WebEHRS Home Reports Logout
FDS/Facilities WebEHRS Help Tools/Tables

Filter: [All data (No Filter) ▼] (Use Filter) Search Grid Help Add/Edit Filters Add New Facility View 20 per Page

Facility Name	Fac Code	Type	Comm	Area / SU	Due Date
Choctaw Nation Recovery Center		13	000	30/00	
Comanche - New Pathways Halfway House	5055130001	13	253	50/55	03/22/2006 !
George Hawkins Memorial Treatment Center - Clinton	1330	13	293	50/53	08/30/2006
JACK BROWN SUBSTANCE ABUSE REHABILITATION CENTER		13	197	50/59	04/21/2006
Kickapoo Substance Abuse/Rehab	5054130002	13	010	50/54	08/08/2001 !
Kickapoo Youth Substance Abuse/Rehab	5054130003	13	010	50/54	08/09/2001 !
Native American Center of Recovery	5058130001	13	839	50/58	01/12/2007
Osage Adolescent Treatment Center	5056130004	13	748	50/56	05/03/2006
Osage Nation Counseling Center	5056130003	13	754	50/56	06/17/2005 !
PARR Halfway House	5054130004	13	032	50/54	05/10/2006
Ponca Tribal Social Development Center	5056130002	13	483	50/56	09/08/2006
TASC---Osage OP Counseling Ctr.	5056130001	13	754	50/56	06/14/2006
Texas Kickapoo Healing Grounds Treatment Facility	5563130001	13	646	55/63	04/27/2006
Apache Foster Homes	5055140001	14	140	50/55	04/14/2006
C&A Foster Care Homes	1430 - 1481	14	000	50/53	10/07/2006
Caddo Foster Homes	5055140003	14	142	50/55	04/14/2006
Choctaw Nation Foster Care Program		14	000	50/60	
Comanche Foster Care Homes	5055140006	14	253	50/55	07/22/2006
CPN FOSTER CARE HOMES (FOSTER CARE HOMES)		14	000	50/58	06/13/2006

Numbers

- Facilities/Establishments: 22,573
- Surveys: 7856
- 60 Inspection Types
- 3 of the 60 "National" Inspection Types
  - 2,234 Navajo Nation Food
  - 2,167 IHS Head Start
  - 1,609 FDA 2001Food
- Violations: So many
- Activities: So, so, so many

Program_Description	Element_Description	Area_Name	Counts	Element totals
Injury Prevention	Assault/Homicide Projects	ALBUQUERQUE	2	
Injury Prevention	Assault/Homicide Projects	BEMIDJI	1	5
Injury Prevention	Assault/Homicide Projects	PORTLAND	2	
Injury Prevention	Elderly Fall Projects	ALBUQUERQUE	7	8
Injury Prevention	Elderly Fall Projects	PORTLAND	1	
Injury Prevention	Fall Projects	PORTLAND	1	1
Injury Prevention	Fire/Burn Projects	ALBUQUERQUE	1	
Injury Prevention	Fire/Burn Projects	CALIFORNIA	1	
Injury Prevention	Fire/Burn Projects	OKLAHOMA	3	8
Injury Prevention	Fire/Burn Projects	PHOENIX	1	
Injury Prevention	Fire/Burn Projects	PORTLAND	2	
Injury Prevention	Motor Vehicle Crash Projects	ABERDEEN	1	
Injury Prevention	Motor Vehicle Crash Projects	ALBUQUERQUE	7	
Injury Prevention	Motor Vehicle Crash Projects	BEMIDJI	3	24
Injury Prevention	Motor Vehicle Crash Projects	PHOENIX	11	
Injury Prevention	Motor Vehicle Crash Projects	PORTLAND	2	
Injury Prevention	Occupant Protection Projects	ALBUQUERQUE	9	
Injury Prevention	Occupant Protection Projects	CALIFORNIA	1	
Injury Prevention	Occupant Protection Projects	OKLAHOMA	7	46
Injury Prevention	Occupant Protection Projects	PHOENIX	20	
Injury Prevention	Occupant Protection Projects	PORTLAND	9	
Injury Prevention	Playground Safety Projects	ALBUQUERQUE	4	
Injury Prevention	Playground Safety Projects	NASHVILLE	2	8
Injury Prevention	Playground Safety Projects	PORTLAND	2	
Injury Prevention	Poison Prevention Projects	OKLAHOMA	3	3
Injury Prevention	Ride Safe Projects	ALBUQUERQUE	4	
Injury Prevention	Ride Safe Projects	BEMIDJI	1	8
Injury Prevention	Ride Safe Projects	OKLAHOMA	2	

The Who/What/When/Where of Establishments

- Area
- Service Unit
- Community
- Tribe
- Survey/Activity History
- Establishment Type
- Logical or Physical Links to other Establishments
- Misc. details based on Establishment Type

IEH activities since Start of new coding scheme

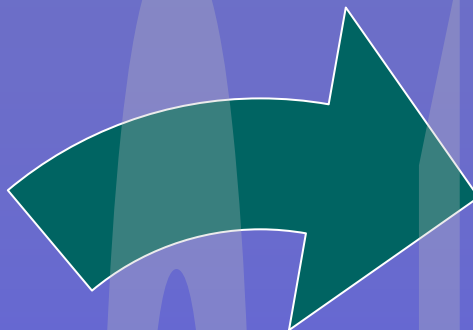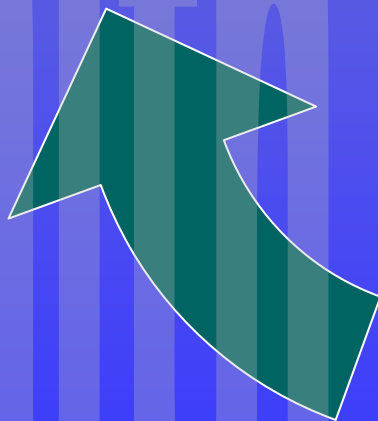| Program_Description	Element_Description	Area_Name	Counts	Element totals
Institutional Environmental Health	Accreditation Support/Operational Compliance	ABERDEEN	1	
Institutional Environmental Health	Accreditation Support/Operational Compliance	ALBUQUERQUE	1	
Institutional Environmental Health	Accreditation Support/Operational Compliance	BEMIDJI	4	
Institutional Environmental Health	Accreditation Support/Operational Compliance	BILLINGS	1	
Institutional Environmental Health	Accreditation Support/Operational Compliance	NAVAJO	3	43
Institutional Environmental Health	Accreditation Support/Operational Compliance	OKLAHOMA	8	
Institutional Environmental Health	Accreditation Support/Operational Compliance	PHOENIX	19	
Institutional Environmental Health	Accreditation Support/Operational Compliance	PORTLAND	5	
Institutional Environmental Health	Accreditation Support/Operational Compliance	TUCSON	1	
Institutional Environmental Health	Emergency Management	ABERDEEN	11	
Institutional Environmental Health	Emergency Management	ALBUQUERQUE	2	
Institutional Environmental Health	Emergency Management	BEMIDJI	2	134
Institutional Environmental Health	Emergency Management	NAVAJO	1	
Institutional Environmental Health	Emergency Management	OKLAHOMA	48	
Institutional Environmental Health	Emergency Management	PHOENIX	70	
Institutional Environmental Health	Environmental Management	BEMIDJI	1	
Institutional Environmental Health	Environmental Management	CALIFORNIA	5	
Institutional Environmental Health	Environmental Management	NAVAJO	3	16
Institutional Environmental Health	Environmental Management	PHOENIX	4	
Institutional Environmental Health	Environmental Management	PORTLAND	3	
Institutional Environmental Health	Facilities Management Env. Health Support	BEMIDJI	1	
Institutional Environmental Health	Facilities Management Env. Health Support	CALIFORNIA	2	6
Institutional Environmental Health	Facilities Management Env. Health Support	OKLAHOMA	2	
Institutional Environmental Health	Facilities Management Env. Health Support	PHOENIX	1	
Institutional Environmental Health	Industrial Hygiene	ALBUQUERQUE	2	
Institutional Environmental Health	Industrial Hygiene	OKLAHOMA	3	
Institutional Environmental Health	Industrial Hygiene	PHOENIX	1	8
Institutional Environmental Health	Industrial Hygiene	PORTLAND	1	
Institutional Environmental Health	Industrial Hygiene	TUCSON	1	

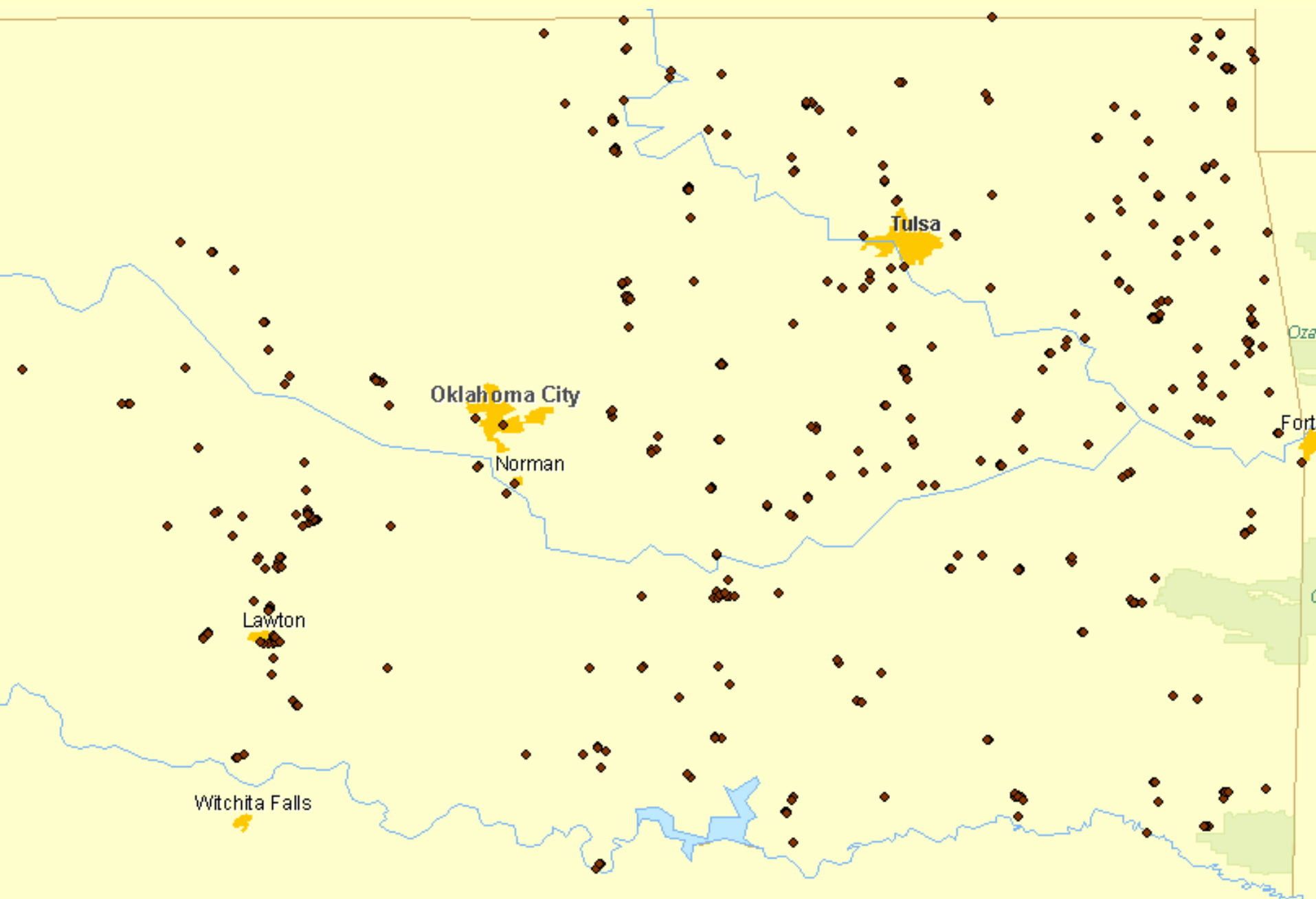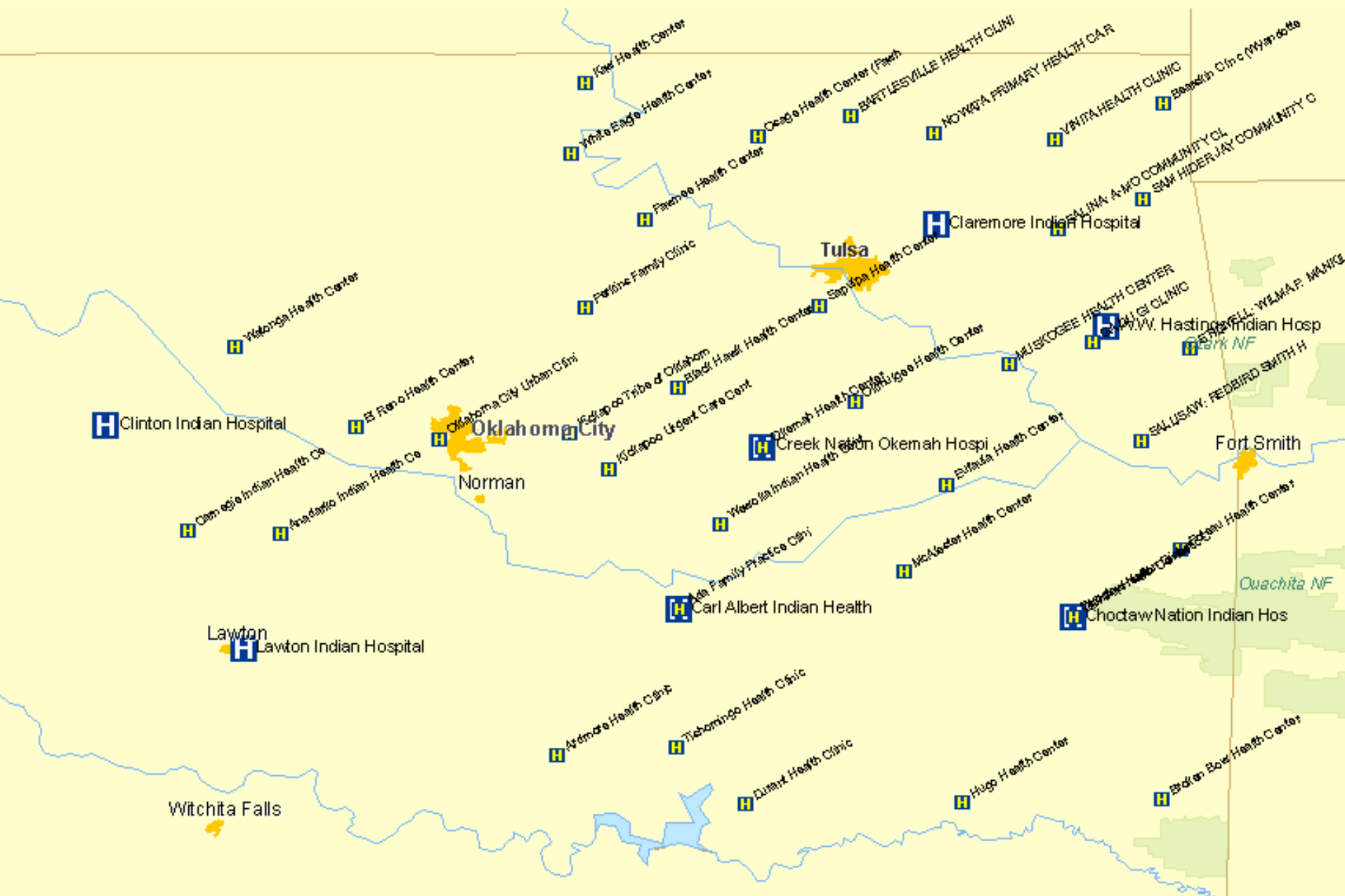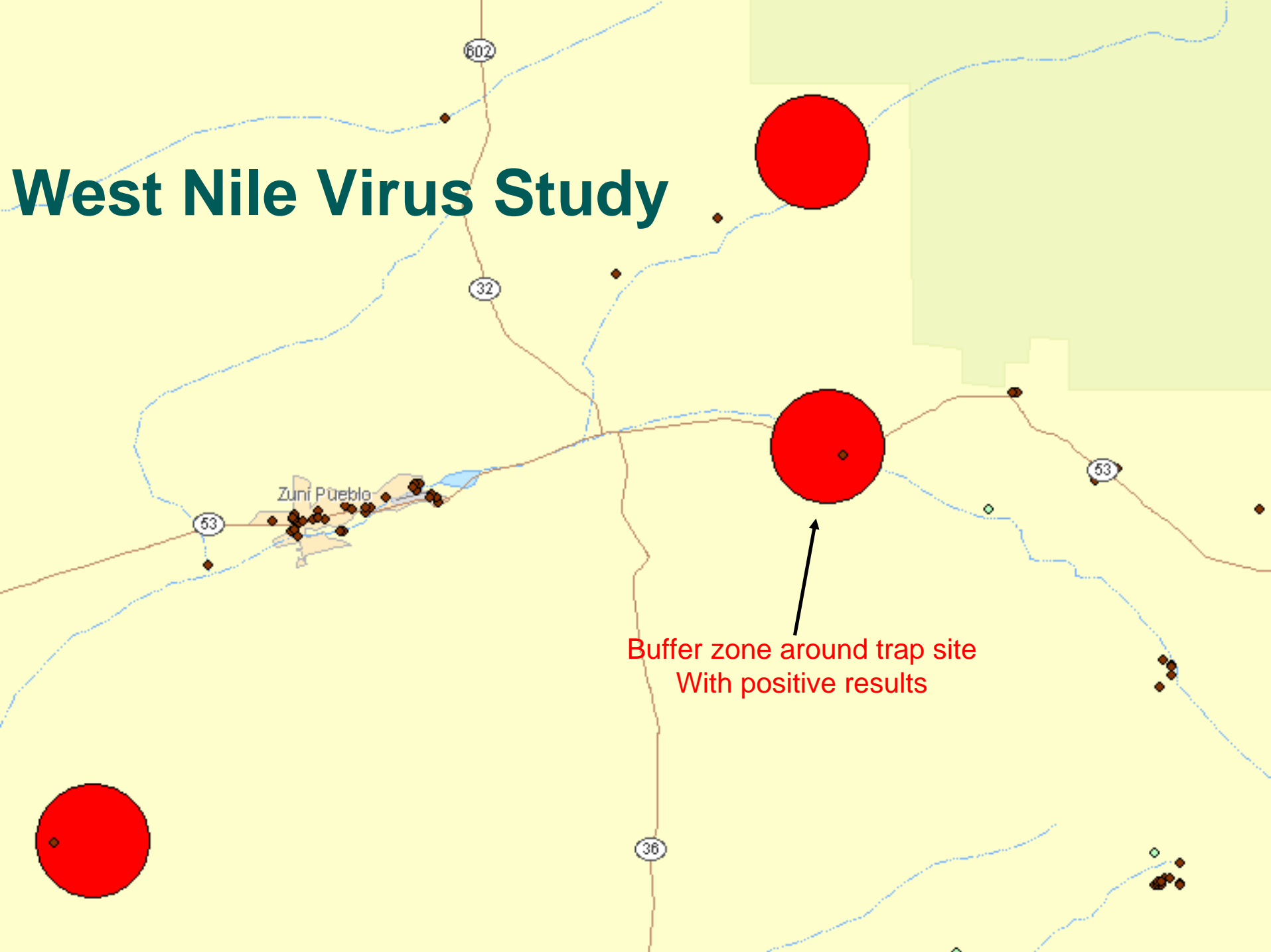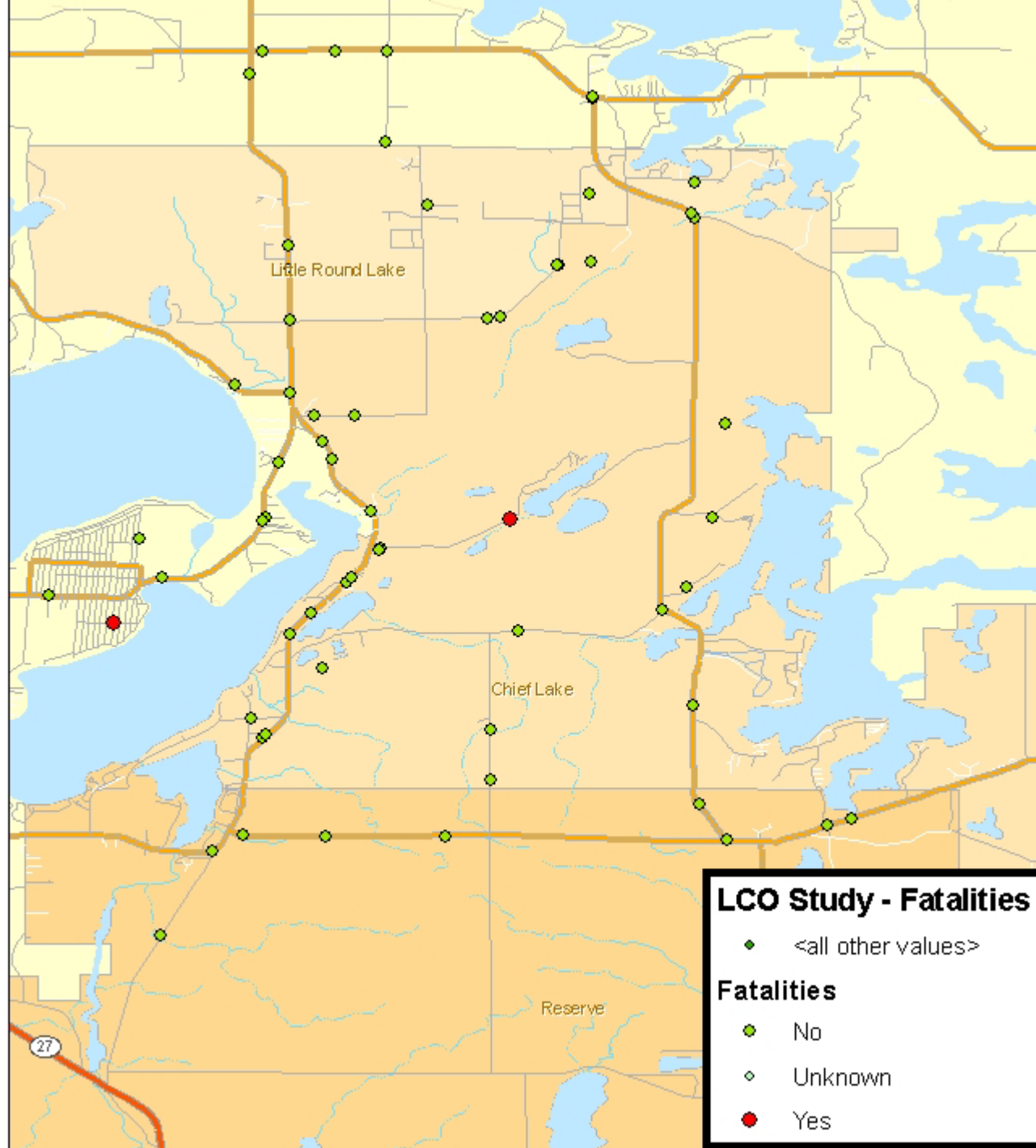| Program_Description	Element_Description	Value Type	Value
General Environmental Health	Animal Control	Number of individual affected	1
General Environmental Health	CEHA	Number of meetings held	6
General Environmental Health	Food	Number of deficiencies found	32
General Environmental Health	Food	Number of individuals certified	619
General Environmental Health	Food	Number of individuals trained	419
General Environmental Health	Food	Number of investigations	27
General Environmental Health	Food	Number of meetings held	2
General Environmental Health	Food	Number of training sessions provided	5
General Environmental Health	Head Start	Number of deficiencies found	14
General Environmental Health	Substandard Housing	Number of hazards identified	4
General Environmental Health	Substandard Housing	Number of individual affected	3
General Environmental Health	Substandard Housing	Number of investigations	1
General Environmental Health	Substandard Housing	Number of referrals received	1
General Environmental Health	Substandard Housing	Number of Sites	1
General Environmental Health	Water	Number of individuals trained	9
General Environmental Health	West Nile Virus	Number of individuals trained	83
Injury Prevention	Assault/Homicide Projects	Number of hazards identified	17
Injury Prevention	Assault/Homicide Projects	Number of individuals trained	22
Injury Prevention	Elderly Fall Projects	Number of individuals trained	7
Injury Prevention	Fall Projects	Number of individuals trained	31
Injury Prevention	Fire/Burn Projects	Number of individuals trained	45
Injury Prevention	Motor Vehicle Crash Projects	Number of checkpoints conducted	23
Injury Prevention	Motor Vehicle Crash Projects	Number of corrective measures taken	0
Injury Prevention	Motor Vehicle Crash Projects	Number of individuals trained	13
Injury Prevention	Motor Vehicle Crash Projects	Number of samples collected	0
Injury Prevention	Motor Vehicle Crash Projects	Number of Sites	23
Injury Prevention	Occupant Protection Projects	Number of devices installed	20
Injury Prevention	Occupant Protection Projects	Number of individuals trained	137
Injury Prevention	Occupant Protection Projects	Number of training sessions provided	1
Injury Prevention	Playground Safety Projects	Number of individuals trained	30
Injury Prevention	Ride Safe Projects	Number of individuals trained	20
Injury Prevention	Sleep Safe Projects	Number of devices installed	48

Training

Best Practices

Proxy
Measures

Where?

Identified DEHS Sites

Kaw Health Center

White Eagle Health Center

Osage Health Center (Pawh

BARTLESVILLE HEALTH CLINI

NOWATA PRIMARY HEALTH CAR

VINITA HEALTH CLINIC

Bearskin Clinic (Wyandotte

Pawnee Health Center

SALINA A-MO COMMUNITY CL

SAM HIDER JAY COMMUNITY C

Claremore Indian Hospital

Pawtine Family Clinic

Tulsa

Sapulpa Health Center

MUSKOGEE HEALTH CENTER

WHL/GI CLINIC

W.W. Hastings Indian Hosp

BELL-WILMA P. MANKI

Ozark NF

Watonga Health Center

El Reno Health Center

Oklahoma City Urban Clini

Kickapoo Tribe of Oklahoma

Black Hawk Health Center

Okemah Health Center

Okmulgee Health Center

SALLISAW: REDBIRD SMITH H

Fort Smith

Clinton Indian Hospital

Oklahoma City

Oklahoma City

Kickapoo Urgent Care Cent

Creek Nation Okemah Hospi

Eufaula Health Center

Carnegie Indian Health Co

Anadarko Indian Health Co

Norman

Wewoka Indian Health C

McAlester Health Center

Ada Family Practice Clini

Carl Albert Indian Health

Broken Valley Choctaw Health Center

Choctaw Nation Indian Hos

Ouachita NF

Lawton

Lawton Indian Hospital

Ardmore Health Clinic

Tishomingo Health Clinic

Durant Health Clinic

Hugo Health Center

Broken Bow Health Center

Witchita Falls

West Nile Virus Study

Buffer zone around trap site
With positive results

Little Round Lake

Chief Lake

Reserve

27

LCO Study - Fatalities

• <all other values>

Fatalities

• No

◇ Unknown

● Yes

Little Round Lake

Chief Lake

Reserve

27

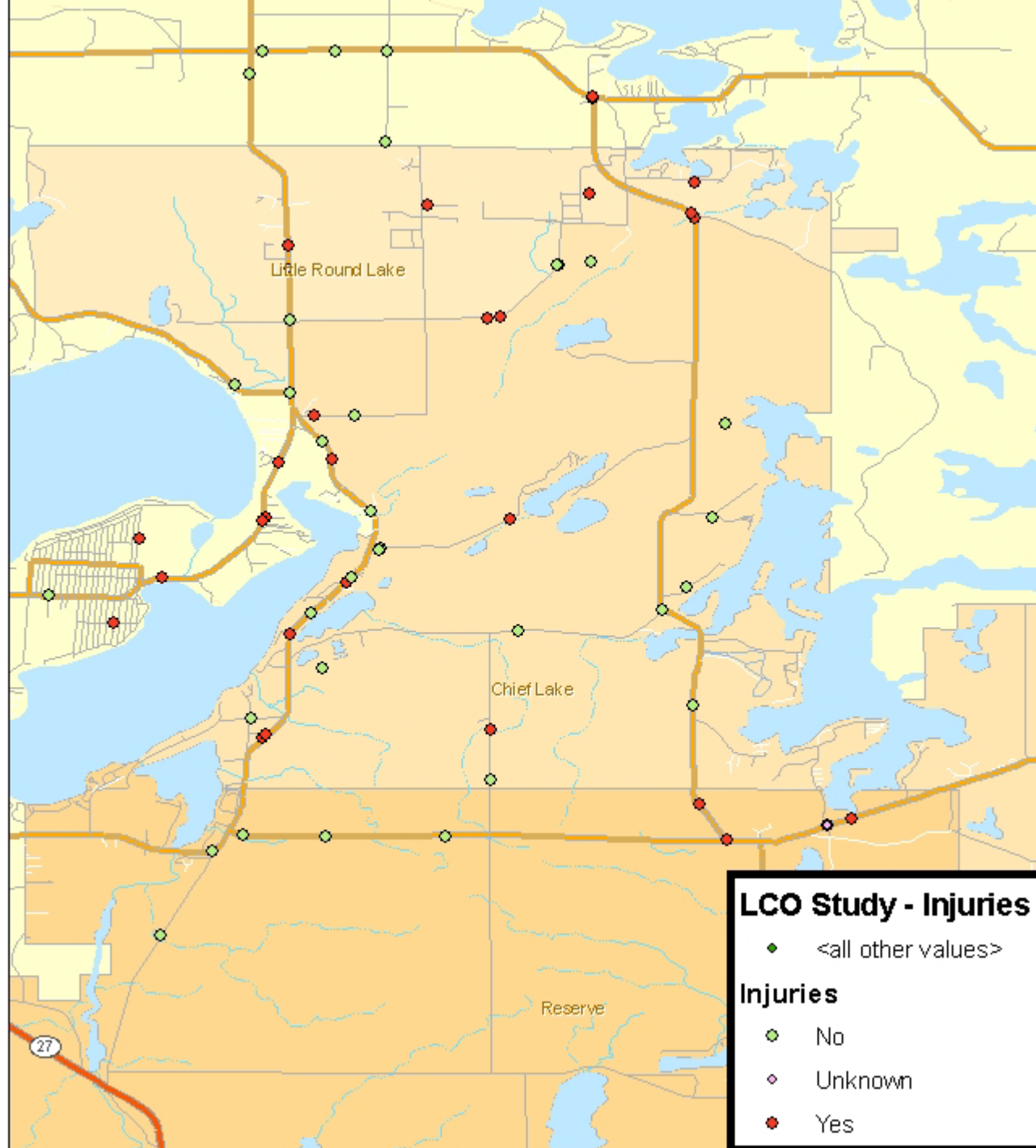**LCO Study - Injuries**

● <all other values>

Injuries

○ No

◇ Unknown

● Yes

WebCident

WebCident Users

- Safety Officers, Environmental Health Officers and Institutional Environmental Health Staff
- Both Federal and Tribal Employees
- Account required for access
- Hospitals, clinics, offices, jobsites, vehicles…anywhere something happened to someone on the job

Origins of WebCident

- Richard Turner – Man on a mission
- Form 467-A (GS-4584 pages 45-453)
- Intercontinental Interagency Agreement Access Form for Anthropogenic Aerosol Data Collection (IIAAFAADC)
- Threw both of those fake forms away
- Just did it

"Like a piece of paper"

- Anyone can start an incident
- Only authorized people can manage incidents
- Tracks
  - Workers
  - Patients (soon to be expanded)
  - Visitors
  - SNIE (Significant Non-Injury Events)

Incidents entered as of 3/29/2006

	Type	ABERDEEN	ALASKA	ALBUQUERQUE	BEMIDJI	BILLINGS	CALIFORNIA	HEADQUARTERS	HEADQUARTERS WEST	NASHVILLE	NAVAJO	OKLAHOMA	PHOENIX	PORTLAND	TUCSON	Total
Pending	Worker	83	0	8	9	19	4	0	0	1	14	40	24	3	4	209
Color Key	Patient	23	0	41	1	6	0	0	0	2	5	15	9	0	0	102
> 5 > 0	Visitor	4	0	2	0	0	0	0	0	0	2	1	3	0	1	13
	SNIE	25	0	23	4	24	0	0	0	3	17	20	17	2	11	146
	Total	135	0	74	14	49	4	0	0	6	38	76	53	5	16	470
	Worker	27	0	29	11	3	11	0	0	2	9	8	11	4	1	116
	Patient	6	0	9	2	0	0	0	0	0	1	4	1	2	0	25
	Visitor	1	0	1	2	0	0	0	0	0	0	0	1	0	0	5
	SNIE	13	0	11	0	4	1	0	0	0	5	5	4	0	0	43
Open	**Total**	47	0	50	15	7	12	0	0	2	15	17	17	6	1	189
	Worker	283	0	257	165	240	6	6	0	16	1248	778	699	103	57	3858
	Patient	155	0	243	72	75	4	0	0	20	429	369	254	15	43	1679
	Visitor	27	0	31	9	19	2	0	0	0	84	92	43	3	10	320
	SNIE	352	0	362	125	226	2	2	0	18	1664	263	286	30	172	3502
Closed	**Total**	817	0	893	371	560	14	8	0	54	3425	1502	1282	151	282	9359

Total to Date   10018

WebCident - Microsoft Internet Explorer

WebCident

Click Here to Report an Incident

Webcident is an electronic incident reporting system that can be used by any IHS affiliated facility for maintaining occupational injury and illness data and patient and visitor injury data; reporting security events, property damage, and hazardous conditions; conducting trend analysis and producing reports. This system can be used by all personnel working for the IHS and will effectively replace the use of IHS form 516.

Click Here for Report Forms

Webcident was designed with efficiency in mind. You will not be asked to provide information that is not relevant to the incident you are reporting. Printable forms are available for each type of incident to assist with data collection, when needed.

Most of the screens are self-explanatory but context sensitive help is available and can be accessed by clicking on "Help with this Page" at the top of the browser window.

Safety Officer Login

Help with this Page (will open a new window)

WebCident

Who or what did this incident involve?

Worker — You are reporting an incident that involves an injury or illness that ocurred to an IHS employee (Civil Servant or Commissioned Corps), IHS contracted/compacted organization employee, volunteer, student or contracted employee (locum tenems, nursing agency, temporary employement agency, etc.).

Patient — A person involved in an incident that was being treated/examined by a healthcare provider or was scheduled to be seen by a healthcare provider at the facility/property.

Visitor — A person involved in an incident at an IHS owned or leased facility/property that was not an employee or at the facility/property to receive healthcare services.

Significant Non-Injury Event — An incident that involves a hazardous condition, security incident or property/vehicle that DID NOT result in an injury/illness to an employee, patient or visitor.

Back | File Edit View Favorites | Address http://webcide | Go

WebCident

Basic Incident Information

Date of Incident:
Month Day Year

Example: 04 02 2004

General Time of Incident:
Time in 24 Hour format
(click HERE for examples)

Example: 1224

Name of person filing report:
First Name | Last Name

If the names are the same, fill out only the top line and check here ☐

Person involved or, to whom incident occured:
First Name | Last Name

Gender: Select the Gender ▼

Birth Month/Year:
Month Year

Example: 12 1968

Personnel System:
Select the Personnel System ▼

Direct Supervisor:

Next

WebCident

Severity

Severity: [Select the Severity ▼]

Additional Information
Incidents may have multiple aspects associated with them. Please select all that apply.

Was this an ergonomic (or have the potential to be) event?   YES ○ NO ○

Was this a Bloodborne Pathogen event?   YES ○ NO ○

Did the incident or event involve a security issue? YES ○ NO ○

Was property (cars, buildings, radios, ice machines, etc.) involved? YES ○ NO ○

[Next]

Back ⚫ ▾ ⚫ ▾ ✖ 🔄 🏠 » | File Edit View Favorites » | Address http://webcide ▾ → Go
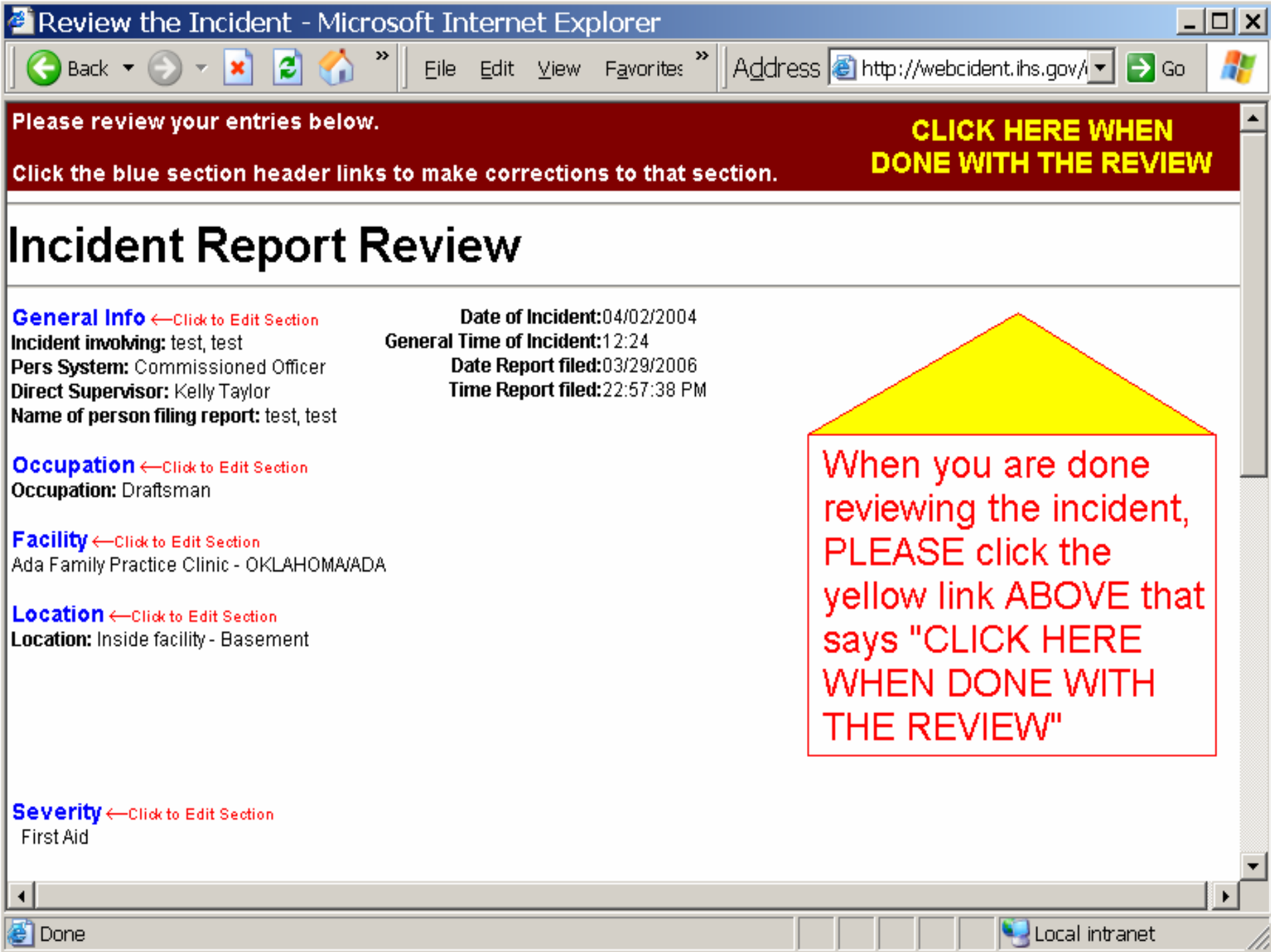
WebCident

Injuries

The next section will allow you to select information that describes the injury, type of injury and anatomical locations involved. You will be able to select multiple injuries.

Please enter the most significant injury first!

Select the **Broad Category** for the **SOURCE** of this incident:

○ Blood Borne Pathogen Exposure   ○ Medical object, device, equipment

○ Chemical, contaminant   ○ Unknown

○ Environmental condition   ○ Vehicle

○ Food and water   ○ Walking, working surface, building component

○ Furnishings, inanimate object

○ Human, animal, plant, insect, microorganism

○ Machine, equipment, tool, PPE

[Next]

Please review your entries below.

Click the blue section header links to make corrections to that section.

CLICK HERE WHEN DONE WITH THE REVIEW

Incident Report Review

General Info ←Click to Edit Section
Incident involving: test, test
Pers System: Commissioned Officer
Direct Supervisor: Kelly Taylor
Name of person filing report: test, test

Date of Incident: 04/02/2004
General Time of Incident: 12:24
Date Report filed: 03/29/2006
Time Report filed: 22:57:38 PM

Occupation ←Click to Edit Section
Occupation: Draftsman

When you are done reviewing the incident, PLEASE click the yellow link ABOVE that says "CLICK HERE WHEN DONE WITH THE REVIEW"

Facility ←Click to Edit Section
Ada Family Practice Clinic - OKLAHOMA/ADA

Location ←Click to Edit Section
Location: Inside facility - Basement

Severity ←Click to Edit Section
  First Aid

Notification

- Based on facility selection
- Fatalities generate additional alerts

And now………………..